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/ and	**	o persons are required to respond to a collection Application Number	10/723,042	ess it disc	plays a valid OMB control number.	
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s	FORM	First Named Inventor	XIE, Jinchun	2000		
or all correspondence after initial filing)		(ng) Art Unit	1645			
		Examiner Name	Not Yet Assig	ned		
Total Number of Pag	ges in This Submission	74 Attorney Docket Number	NLP-0202-US			
		ENCLOSURES (Check all tha				
Amendment/f After I Affida Extension of Express Abar Information D Certified Copy Document(s) Response to I Incomplete Ap	Attached Reply Final vits/declaration(s) Time Request indonment Request isclosure Statement y of Priority Missing Parts/	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addr Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks	ess Africa Aprica Apric	Technooppeal Co Appeals opeal Co Oppeal No Oppeal No Opprietar atus Let her Ence entify be	losure(s) (please	
	SIGNATU	JRE OF APPLICANT, ATTORNI	EY, OR AGEN1			
or Individual name	chael D. Van Loy, R	egistration No. 52,315 d Development, Customer No. 3				
Signature	MI					
Date 17	February 2005					
CERTIFICATE OF TRANSMISSION/MAILING						
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.						
Typed or printed name	Nyssa Brennan					
Signature	Myssa	Brenna		Date	17 February 2005	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT DOCKET: NLP-0202-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: XIE, Jinchun

Group Art Unit: 1645

Application Number: 10/723,042

Examiner: Not Yet Assigned

Filed: 26 November 2003

For:

Optical in vivo probe of analyte concentration within the sterile matrix under the human nail

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith lists of references on attached forms SB\08A and SB\08B for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application. Copies of cited non-U.S. Patent references are included herewith per 37 C.F.R. §1.98(a)(2).

Additionally, Applicant wishes to inform the Examiner of the existence of the following co-pending and as yet unpublished U.S. patent application, a copy of which is included herewith in accordance with 37 C.F.R. §1.98(a)(2)(iii): U.S. Patent Application No. 10/787,909 filed 24 February 2004, in the name of Jinchun XIE and entitled "Anti-Stokes Raman in Vivo Probe of analyte concentrations through the human nail" (agent docket: NLP-0301-US).

Applicant submits that this application, as well as published U.S. Patent Application Publication No. US-20050027176A1 (cited herein on form SB/08A) were both owned, by reason of an obligation to assign, by the assignee of the instant application, Skymoon Research and Development, at the time of conception of the invention claimed in the instant application. As such, under 35 U.S.C. §103(c), neither the 10/787,909 nor the US-20050027176A1 application is applicable as prior art against the present invention.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

The Examiner is invited to call the undersigned at the number provided if any issues arising in connection with the above-referenced this application may be dispensed of by telephone conference. In accordance with 37 C.F.R. § 1.97(b)(3), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action. Therefore, it is respectfully submitted that no fee is required for consideration of this information. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-2559.

Respectfully submitted,

Michael D. Van Loy

Registration No. 52,315

Dated: <u>17 February 2005</u> **Customer Number: 39368**

Skymoon Research and Development

3045 Park Boulevard Palo Alto, CA 94306

(650) 475-1605 (telephone)

(650) 688-3119 (facsimile)

PTO/SB/08A (08-03)
Approved for use through 07/31/2006, OMB 0651-0031
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 3

Complete if Known				
Application Number	10/723,042			
Filing Date	26 November 2003			
First Named Inventor	XIE, Jinchun			
Art Unit	1645			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	NI P-0202-US			

Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	1 04-	D	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	1	US- 5,553,616	09-10-1996	HAM et al	
	2	^{US-} 5,615,673	04-01-1997	BERGER et al	
	3	^{US-} 5,754,289	02-09-1999	OZAKI et al	
	4	^{US-} 5,870,188	05-19-1998	OZAKI et al	
	5	^{US-} 6,181,957B1	01-30-2001	LAMBERT et al	
	6	^{US-} 6,289,230B1	09-11-2001	CHAIKEN et al	
	7	US- 6,292,686B1	09-18-2001	CHAIKEN et al	
	8	^{US-} 6,389,306B1	05-14-2002	CHAIKEN et al	
	9	^{US-} 20050027176A1	02-03-2005	XIE	
		US-			
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶		
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Examiner	Date	
Signature	Consider	ed
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Approved for use through 07/31/2006 (OB-03)

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Substitute for form 1449/PTO		Complete if Known			
1				Application Number	10/723,042
			SCLOSURE	Filing Date	26 November 2003
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	XIE, Jinchun
	(Use as many sl	heets as r	necessary)	Art Unit	1645
		Examiner Name	Not Yet Assigned		
Sheet	2	of	3	Attorney Docket Number	NLP-0202-US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	10	DOU, Xiamong et al, "Biological Applications of Anti-Stokes Raman Spectroscopy," Applied Spectroscopy, Vol. 50, No. 10, p1301-06, 1996	e
	11	DOU, Xiamong et al, "Quantitative Analysis of Metabolites in Urine by Anti- Stokes Raman," Biospect, Vol. 3, p113-120, 1997	
	12	ZIERLER, Kenneth, "Whole Body Glucose Metabolism," American Journal of Physiology, Vol. 276, pE409-E426, 1999	
	13	COTÉ, Gerard L., "Noninvasive and Minimally-Invasive Optical Monitoring Technologies," Journal of Nutrition, American Society for Nutritional Sciences, Vol. 0022-3166/01, 2001	
	14	HANLON, E.B. et al, "Prospects for in vivo Raman Spectroscopy," Phys. Med. Biology, Vol. 45, pR1-R59, 2000	
	15	BERGER, Andrew J. et al, "Multicomponent Blood Analysis by Near-Infrared Raman Spectroscopy," Applied Optics, Vol. 38, No. 13, p2916-2926, 1999	
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	17	FARIA, D.L.A. et al, "Raman Spectra of Human Skin and Nail Excited in the Visible Region," Journal of Raman Spectroscopy, Vol. 30, p169-171, 1999	
-	18	BARAGA, Joseph J., et al, "Rapid Near-Infrared Raman Spectroscopy of Human Tissue with a Spectrograph and CCD Detector," Applied Spectroscopy, Vol. 46, No. 2, 1992	
	19	Chaiken, Joseph, et al, "Noninvasive Blood Analysis by Tissue Modulated NIR Raman Spectroscopy," Proceedings of SPIE, Vol. 4368, 2001	

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Examiner	Date	
Signature	Considered	

^{**}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO			<u>0, 01 1000, 110 pereen a</u>	Complete if Known		
Gubsiiii	11e 101 101111 1443/1 1	J		Application Number	10/723,042	
INF	ORMATIO	N DIS	CLOSURE	Filing Date	26 November 2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	XIE, Jinchun	
	(Use as many :	chaate se n	acassan)	Art Unit	1645	
	(Ose as many	sileets as il	ecessary)	Examiner Name	Not Yet Assigned	
Sheet	3	of	3	Attorney Docket Number	NLP-0202-US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	20	GELADI, Paul, et al, "Partial Least-Squares Regression: A Tutorial," Analytica Chimica Acta, vol. 185, p1-17, 1986	
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	22	WOLFRAM-GABEL, R. et al, "Vascular Networks of the Periphery of the Fingernail," Journal of Hand Surgery, British & European Vol. 20B, p488-492, 1995	
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	28	WILLIAMS, A.C., et al, "Raman Spectra of Human Keratotic Biopolymers: Skin, Callus, Hair and Nail," Journal of Raman Spectroscopy, Vol. 25, p95-98, 1994	

Examiner Date Considered			
Signature Considered	Examiner	Date	
	Signature	Considered	

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